

KHATIASHV LI, G.M.

Torsion of compos ~~te~~ anisotropic cylindrical bodies with a slightly bent axis. Dokl. AN SSSR 161 no.5:1044-1047 Ap '65. (MIRA 18:5)

1. Tbilisskiy matematicheskiy institut im. A.M.Razmadze AN GruzSSR. Submitted October 9, 1964.

KHATIASHVILI, G.M.

Bending by a transverse force of sectional anisotropic cylindrical bodies with a slightly bent axis. Dokl. AN SSSR 161 no.6:1295-1298 Ap '65. (MIRA 18:5)

I. Tbilisskiy matematicheskiy institut im. A.M.Ruzmadze AN SSSR, Submitted October 9, 1964.

L 04022-67 EWP(w)/EWP(v)/EWP(k) IJP(c) WW/EM
ACC NR: AP6025068

SOURCE CODE: RU/0019/66/011/002/0443/0451

AUTHOR: Khatlashvili, G. M.

35

ORG: Mathematical Institute, Tbilisi (Matematicheskii Institut)

B

TITLE: Bending of cylindrical bodies with a slightly curved axis under a transverse force

SOURCE: Revue Roumaine des sciences techniques. Seria de mecanique appliquee, v. 11, no. 2, 1966, 443-451

TOPIC TAGS: differential equation solution, cylindric shell structure, bending stress, stress analysis

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ABSTRACT: The displacement and stress functions are determined for an anisotropic cylinder of elliptical cross section with an initial slight deflection of the axis, under a transverse force. Differential equations for the displacement and stress functions are derived and the corresponding boundary conditions are established. Particular solutions of the differential equations are obtained. Orig. art. has: 30 formulas.

SUB CODE: 13/ SUBM DATE: 04Oct65/ ORIG REF: 005

2012

Card 1/1 mt

UDC: 539.3

KHATIASHVILI, N. M. Cand Med Sci -- (diss) "Data ^{on} the study of the pharmacological effect of ~~the~~ Zvare mineral water." Tbilisi, 1957. 16 pp (Tbilisi State Med Inst), 200 copies (KL, 43-57, 91)

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KHATIASHVILI, T.

[Comparative evaluation of methods for radiation treatment of lip
cancer] Sravnitel'naiia otsenka metodov lucheвого lecheniia raka
gub. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 33 p.
(MIRA 14:7)

(LIPS—CANCER)

(RADIOTHERAPY)

KhATIASHVILI, P. M., CAND Med Sci — (diss) " Comparative evaluation of methods
for the radiation treatment of cancer of the lower lip," Tbilisi, 1980, 20 pp
(Tbilisi State Medical Institute)

(KL, 40-60, 124)

ACC NR: AP6035586

SOURCE CODE: UR/0378/66/000/005/0073/0074

AUTHOR: Khatlashvili, Ts. S.

ORG: none

TITLE: On a method of approximating a random vector function

SOURCE: Kibernetika, no. 5, 1966, 73-74

TOPIC TAGS: vector function, mathematic matrix, approximation, automatic control design

ABSTRACT: The proposed method makes it possible to construct self-adaptive and learning automatic control systems by means of the inverse Jacobian technique in cases where the relations linking the input and output parameters of a system are unknown. The inverse Jacobian technique reduces to finding the control actions exerted on the input of the system according to the discrepancies at the system's output, on utilizing the reciprocal matrix of partial derivatives. Thus the problem is that of finding this matrix according to the available statistics -- the information on the system. Real statistics, which is used to find the inverse Jacobian at some point of the region, contains a substantial variation in the parameters of the system and hence also in the partial derivatives. The unknown relations are approximated by a Taylor se-

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UDC: 62.501

ACC NR: AP6035586

ries in a region adjoining the point $y_0 = \beta(x_0)$, where y_0 is the vector of output quantities and x_0 is the vector of input quantities:

$$\begin{aligned}
 y_0 &= \begin{pmatrix} y_{01} \\ y_{02} \\ \vdots \\ y_{0n} \end{pmatrix}, \quad x_0 = \begin{pmatrix} x_{01} \\ x_{02} \\ \vdots \\ x_{0m} \end{pmatrix}, \quad \Phi(x_0) = \begin{pmatrix} \Phi_1(x_0) \\ \Phi_2(x_0) \\ \vdots \\ \Phi_n(x_0) \end{pmatrix} \\
 y_i &= \Phi_i(x_{01}, x_{02}, \dots, x_{0m}) + \\
 &+ \left(\frac{\partial \Phi_i}{\partial x_1} \right)_0 (x_1 - x_{01}) + \dots + \left(\frac{\partial \Phi_i}{\partial x_m} \right)_0 (x_m - x_{0m}), \quad (1) \\
 &\quad (i = \overline{1, n}).
 \end{aligned}$$

ACC NR: AP6035586

It is assumed that in the region approximated the function ϕ_i is continuous, monotonic, differentiable and such that the linear terms provide a sufficiently exact approximation. The notation

$$\left(\frac{\partial \phi_i}{\partial x_j}\right)_{(x_{01}, x_{02}, \dots, x_{0m})} = \left(\frac{\partial y_i}{\partial x_j}\right)_0 = a_{ij},$$

$$\Delta x_l = x_{0l} - x_l \quad (l = \overline{1, n}),$$

$$\Delta y_j = y_{0j} - y_j \quad (j = \overline{1, m}).$$

is introduced. Then

$$\Delta y_i = \sum_{j=1}^m a_{ij} \Delta x_j \quad (2)$$

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ACC NR: AP6035586

The matrix of derivatives is found with the aid of passive experimental data. The sampling is performed in such a manner that all the experimental findings are taken from the approximated region in the neighborhood of the point at which the coefficients a_{ij} are found, so that the mathematical expectation of the sample would tend toward the vector x_0 . By virtue of the random nature of the vector y a variance may be said to exist between the real sought value of Δy_i and the measured value $\Delta y_i^{(1)}$, for a sample of volume N . This variance will be minimal for the values of a_{ij} which correspond to equation (2), i. e. for the sought values of coefficients. Hence, these values may be found from the condition of the minimization of variance

$$\frac{\partial D_k}{\partial a_{ij}} = 0 \quad (i = \overline{1n}), \quad (j = \overline{1m}), \quad (k = \overline{1n}). \quad (3)$$

with respect to the coefficients a_{ij} this may be written in matrix form as $CA = B$, $A = C^{-1}B$.

The matrix C is such that, when determining all the coefficients a_{ij} whose number equals nm , a linear system of m -order equations must be solved n times. Thus the Jacobian for systems with incomplete information may be found. Orig. art. has: 8 formulas

SUB CODE: 12, 06, 09/ SUBM DATE: 03Feb66/ ORIG REF: 002

Card 4/4

Name

KHATIASYVILI, B. A., Cand Agr Sci -- (diss) "Agrotechnology and seed-growing of cauliflower in the suburban zone of the city of Tbilisi." Tbilisi, 1960. 22 pp; (Ministry of Agriculture Georgian SSR, Academy of Agricultural Sciences Georgian SSR, Scientific Research Inst of Farming); 150 copies; price not given; (KL, 17-60, 165)

SHAYKH, T.S.

Food production in the Far north of the Soviet Union. Probl.
Sov. Gos. univ. 1979 164. (MIRA 17:1)

1. Kord. Pribl. M. SSSR, Oyklogiya.

KHATIN, M.G.

"A New Method of Therapy ~~of~~ of Horse-mange"

SO: Veterinariya, Vol.20, No.3/4, March/April 1943, uncl.

KHATIN, M. G.

USSR/Medicine - Animals - Diseases
Medicine - Veterinary Medicine

Jan 1948

"Early Therapy for Skin and Oestrual Diseases in Cattle," A. M. Priselkov, M. G. Khatin, M. Z. Ganelina-Lur'ye, 3 $\frac{1}{2}$ pp

"Veter" No 1

Larvae causing skin and oestrual diseases incattle have two life-cycles: 1) during which microbe lives outside an animal; and 2) during which it inhabits internal organs of an animal. Most effective method of controlling disease is by killing larvae before they enter the animal. Presents various methods among which DDT figures prominently. Methods for preventing disease after larvae have entered organs of the animal are also presented.

PA 61T56

KHATIN, M.G.

State Inst. of Vet. Dermatology, Ministry of Agriculture, USSR

"New Medicinal form of diethylxantogen."

SO: Vet. 27 (2) 1950, p. 38

PRISELKOV, A.M.; KHATIN, M.G.; LUR'E, M.Z.

"Medicinal forms of DDT and hexachloran." (A review.)

SO: Vet. 27 (8) 1950, p. 40

KHATIN, M. G.

Sheep - Diseases

Elimination of mange on sheep is the most important task of the sheep breeder. Sov.
zotekh. 7, No. 8, 1952
Doktor Veterinarnykh Nauk

SO: Monthly List of Russian Accessions, Library of Congress, September 1951², Uncl.

TROITSKIY, I.A., doktor biologicheskikh nauk, professor; KHATIN, H.G.,
doktor veterinarnykh nauk.

The incidence of sheep scab should be completely eliminated.
Veterinariia 32 no.7:37-40 J1 '55. (MLRA 8:9)
(SCAB DISEASE IN SHEEP)

KHATIN, Moisey Grigor'yevich, doktor veterinarnykh nauk; LEYTES, Veniamin Grigor'yevich, kandidat tekhnicheskikh nauk; BENYUMOV, O.M., redaktor; PEVZNER, V.I., tekhnicheskij redaktor

[Skin diseases and flows in the pelts of animals] Bolezni koshi i poroki shkur zhiivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956.92 p. (MLRA 9:8)
(Hides and skins) (Skin--Diseases)

KHATIN, M.G., doktor veterinarnykh nauk; LUR'YE, M.Z., kandidat veterinarnykh nauk.

Control of horseflies is a most important task of veterinary medicine. Veterinariia 33 no.3:9-12 Nr '56. (MLBA 9:5)
(WARBLE FLIES)

KHATIN, M.G., doktor vet.nauk

Concepts of nervism in theories on skin diseases. Trudy VEIIVSE
11:5-15 '57. (MIRA 11:12)
(SKIN--DISEASES) (NERVOUS SYSTEM)

PRISLKOVA, A.M., kand. vet. nauk; KHATIN, M.G., doktor vet. nauk;
LUR'YE, M.Z., kand. vet. nauk

Improvement in creolin prescriptions and forms for administration.
Trudy VNIIVSE 11:86-111 '57. (MIRA 11:12)
(Creolin)

KHATIN, M.G., doktor vet.nauk

Hexachlorocyclohexane-activated creolin. Trudy VNIIVSE
11:112-116 '57. (MIRA 11:12)
(Creolin) (Benzene hexachloride)

PRISEL'KOV, A.M., kand.vet.nauk; KHATIN, M.G., doktor vet.nauk;
LUR'YE, M.Z., kand.vet.nauk

New form for administering a concentrate of DDT and benzene
hexachloride. Trudy VNIIVSE 11:117-128 '57. (MIRA 11:12)
(DDT) (Benzene hexachloride)

KHATIN, M.G., doktor vet.nauk; LUR'YE, M.Z., kand.vet.nauk

Studying new insecticides for controlling warble fly infestations.
of cattle. Trudy VNIIVSE 11:160-170 '57. (MIRA 11:12)
(Warble flies) (Insecticides)

KHATIN, M.G.
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721910014
USSR/Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. R

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21625.

Author : ~~Khatin, M. G.~~
Inst : All-Union Scientific Research Institute of Veterinary
Sanitation and Ectoparasitology.
Title : New Medicamental Drugs for the Therapy of Horn Itch
(Trichophytia) in Large Horned Cattle.

Orig Pub: Tr. Vses. n.-i. in-t vet. sanitarii i ektoparazitol.,
1957, 11, 194-201.

Abstract: For the treatment of horn itch in large horned cattle
the following compounds were tested without preliminary
preparation: 8-10 percent solution of the K compound
(bisethylxantogen; $S_4C_2(CC_2H_5)_2$) in lubricating oil

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KHATIN, M.G., doktor vetnauk; LUR'YE, M.Z., kand. vetnauk

Use of new insecticides in warble fly infestations of cattle.
Trudy VNIIVSE 13:93-106 '58. (MIRA 11:12)
(Insecticides) (Warble flies)

USSR / Zooparasitology. Mite and Insect Vectors of Disease Agents. Insects. G

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19744

Author : Shkabrov, N. K.; Khatin, M. G.
Inst : All-Union Scientific-Research Institute of Veterinary Sanitation and Ectoparasitology
Title : Materials on the Morphology and Ecology of Sheep Keds in the Omskaya Oblast'

Orig Pub : Tr. Vses. n.-i. in-t vet. sanitarii i ektoparazitol., 1958, 13, 117-124

Abstract : No abstract given

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721910014
KHATIN, M.G., doktor vet.nauk; LUR'YE, M.Z., kand.vet.nauk; KOLOMIYETS, Y.G.,
rayon, Moskovskoy oblasti; BOBROV, V.I., vet.vrach (Voskresenskiy)

Use of chlorophos in the control of warble fly infestations of cattle.
Veterinariia 36 no.2:82-85 F '59. (MIRA 12:2)
(Phosphonic acid) (Warble flies)

Khachatryan, M. G. and Dzhadzhikyan, V. N.

"The new insectoacaricide -- chlorpin."

Veterinariya, Vol. 37, No. 10, 1960, p. 65

Khachatryan - Dr Vet. Sci.

all-Union Sci. Res. Inst. Vet. Sanit.

KHATIN, M. G. (Professor) and SMIRNOV, V. T. (Aspirant, ENIIVS [All-Union Scientific Research Institute of Veterinary Sanitation]).

"The use of rogor for hypodermatosis in cattle..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 73

KHATIN, M.G. (Professor, Vsesoyuznyi Nauchno-Issle-dovatel'skii Institut Veterinarnoi Sanitarii).

"More attention should be paid to spring-summer anti-Tabanus measures..."
Veterinariya, vol. 39, no. 3, March 1962 pp. 77

KHATIN, M.G., doktor veterinarnykh nauk; DYADECHKO, V.N., aspirant

The new insecticide and acaricide chlorpin. Veterinariia 37
no.10:65-66 O '60. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

(Insecticides) (Strobane)

KHATIN, M.G., prof.

New developments in the prevention of warble damages of hides.
Kozh. obuv. prom. 6 no.6:12-14. Je '64. (MIRA 17:9)

KOMKOV, I.P., prof.; RYBALTOVSKIY, O.V., dotsent; DIVINSKIY, A.F., kand.
khim. nauk; CHERNOVA, L.V., laborantka; KHATIN, M.G., prof.;
SHUSTOV, Yu.P.

Preparation D-33 as an activating agent for chlorophos.
Veterinariia 41 no.2:58-59 F '64. (MIRA 17:12)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlennosti (for Komkov, Rybaltovskiy, Divinskiy, Chernova).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Khatin).
3. Glavnyy veterinarnyy vrach sovkhoza "Iskra" Moskovskoy oblasti (for Shustov).

ANDREYEV, K.P., prof.; KHATIN, M.G., prof.; IVASHKOV, I.S., nauchnyy
sotrudnik; SMIRNOV, V.T., aspirant

Chlorophos in the prophylaxis of hypodermosis. Veterinariia 41
no.2:44-45 F '65. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii.

RAYEVSKIY, D.A.; KHATIN, M.G., prof.; IVASHKOV, I.S., starshiy nauchnyy
soтрудnik

Results of the first stage in the control of warble flies.
Veterinariia 41 no.3:19-20 Mr '65. (MIRA 18:4)

1. Nachal'nik veterinarnogo otdela Tul'skogo oblastnogo upravleniya
proizvodstva i zagotovok sel'skokhozyaystvennykh produktov (for
Rayevskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut
veterinarnoy sanitarii (for Khatin, Ivashkov).

BORISOVICH, F.K.; PANASENKO, V.P.; KHATIN, M.G.; KARYAGIN, V.I.

Outstanding veterinarian of White Russia; 90th anniversary of the
birth of E.F. Alonov. Veterinariia 42 no.12:94-95 D '65.

(MIRA 19:1)

BEZZUBOV, A.D.; VASIL'YEVA, O.G.; KHATINA, A.I. (Moskva)

Effect of pectin in the elimination of lead from the body. Gig.
truda i prof. zab. 4 no.3:32-37 Mr '60. (MIRA 15:4)

1. Institut gigiyeny truda i professional'nykh zabolevaniy AMN SSSR
i Nauchno-issledovatel'skiy institut konditerskoy promyshlennosti.
(LEAD IN THE BODY) (PECTIN)

KHATINA, A. M. Cand Med Sci -- (diss) "Peculiarities of the course of
suppurative ^{otitis} ~~in~~ ⁱⁿ ~~infants~~ ⁱⁿ ~~connected~~ ^{associated} with inoculation with BCG vaccine,"
Mos, 1959. 14 pp (2hd Mos State Med Inst im N. I. Pirogov), 250 copies
(KL, 45-59, 150)

BEZZUBOV, A.D.; KHATINA, A.I.

Study of the possibility of utilizing food pectin as a fixing agent
in cobalt intoxication. Gig. i san. 24 no. 11:32-36 N '59.

(MIRA 13:4)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta konditer-
skoy promyshlennosti.

(COBALT toxicol.)

(PECTINS pharmacol.)

KHATINA, A.I.

Investigating the process of precipitation of pectin from sunflower
heads. Trudy VKNII no.14:156-161 '59. (MIRA 14:5)
(Pectin)

KHATINA, A.M.

Results of application of tea infusion in otolaryngology. Vest.
otorinolar. 13 no.3:33-35 May-June 1951. (GLML 20:11)

1. Of the Clinic for Diseases of the Ear, Throat, and Nose imeni
L.I. Sverzhevskiy (Director--Honored Worker in Science Prof. B.S.
Preobrazhenskiy), Second Moscow Medical Institute imeni I.V. Stalin.

KHATINA, A.M.

Features of suppurative inflammation of the middle ear caused
by BCG vaccinations in young infants. Vest.otorin. 20 no.2:
50-54 Mr-Ap '58. (MIRA 12:11)

1. Iz kliniki bolezney ucha, gorla i nosa (dir. - prof. I.I.
Shcherbatov) pediatricheskogo fakul'teta II Moskovskogo
meditsinskogo instituta.

(OTITIS MEDIA, in inf. & child
suppurative, in BCG vaccinated inf., clin.
features (Rus))

(BCG VACCINATION, compl.
suppurative otitis media in inf., clin.
features (Rus))

KHATINA, A.M.

Purulent meningitis following tonsillectomy. Vest.oto.-rin.
20 no.3:96-97 My-Je '58 (MIRA 11:6)

1. Iz kliniki bolezney ukha, gorla i nosa (dir. - prof. I.I. Shcherbatov) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta.

(TONSILLECTOMY, compl.
postop. purulent meningitis (Rus))
(MENINGITIS, etiol. & pathogen.
after tonsillectomy (Rus))

KHATIPOV, A.E.

USSR/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30015

Author : Khatipov, Sh.E., Khatipov, A.E.

Inst : -

Title : An Experiment in Side Dressing Apple and Pear Trees.

Orig Pub : Sad i ogorod, 1957, No 5, 51-52.

Abstract : No abstract.

Card 1/1

- 10 -

KHATIPOV, A.E.

USSR/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44267

Author : Khatipov, Sh.E., Khatipov, A.E.

Inst : -

Title : The Successes of Horticulturists in the Samar Markendskaya Oblast.

Orig Pub : Sad i ogorod, 1957, No 10, 90-92.

Abstract : No abstract.

Card 1/1

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KHATIPOV, A.E.

KHATIPOV, A.E.-A.

Theory of surfaces in a space with decomposing absolute. Trudy Sem.
po vekt. i tenz. anal. no.10:285-308 '56. (MIRA 10:3)
(Geometry, Projective)

KHATIROV, A. E.-A.

Omar Khayyan's theory of parallels. Trudy UzGU no.78:131-
136 '58. (MIRA 13:6)
(Geometry, Euclidean) (Parallels (Geometry))

KHATIPOV, Akhmed Emir-Asan; SHAPIRO, Ya.L., red.

[Course in analytic geometry] Kurs analiticheskoi geometrii.
Pod red. IA.L.Shapiro. Samarkand, Izd-vo Uzbekakogo gos.univ.
Pt.1. 1959. 191 p. (MIRA 13:5)
(Geometry, Analytic)

KHATIPOL, A.E. A

16(1)

PHASE I BOOK EXPLOITATION

SOV/2660

Vesoyuznyy matematicheskiy s'ezd. 3rd, Moscow, 1956
Trudy. t. 4: Kachestva sverkhmal'nykh dokladov. Doklady
trudovogo s'ezda (Transactions of the 3rd All-Union Mathema-
tical Conference in Moscow. vol. 4: Summary of Sectional Reports.
Reports of Soviet Scientists) Moscow, Izd-vo AN SSSR, 1959.
247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii Institut.
Tech. Ed.: G.M. Shevchenko; Editorial Board: A.A. Abramov, V.G.
Boltynskiy, A.M. Vasil'yev, B.V. Medvedev, V.S. Myshkis, S.M.
Nikol'skiy (Resp. Ed.), A.G. Postnikov, P. G. Rozhnorov, L.A.
Rybnikov, P. M. Ulyanov, V.A. Uspenskiy, M.O. Chistyov, G. Ya.
Sillov, and A.I. Shiranov.

FUTURE: This book is intended for mathematicians and physicists.

COVERAGE: This book is Volume IV of the Transactions of the Third All-
Union Mathematical Conference, held in June and July 1956. The
book is divided into two main parts. The first part contains sum-
maries of the papers presented by Soviet scientists at the Con-
ference that were not included in the first two volumes. The
second part contains the text of reports submitted to the editor
by non-Soviet scientists. In those cases when the non-Soviet sci-
entist did not submit a copy of his paper to the editor, the title
of the paper is cited and if the paper was printed in a previous
volume reference is made to that volume. This volume covers
the Soviet physicist, cover various topics in number theory,
algebra, differential and integral equations, function theory,
functional analysis, probability theory, topology, mathematics,
problems of mechanics and physics, computational mathematics,
mathematical logic and the foundations of mathematics, and the
history of mathematics.

Kamovich, N.V. (Kostov-a-Domu). Generalization of the
Klein's theorem, derived by means of a multidimensional de-
scriptive geometry 77

Nikol'skiy, P.V. (Sverdlovsk). Binary anamorphosis of analytic
equations 78

Pisarov, R.I. (Leningrad). Axiomatic study of space-time
structures 78

Finikov, S.P. (Moscow). Transformation of V Cartan manifolds
of a particular projective type 79

Rhatipov, A.E.-A. (Samarband). On the theory of surfaces in
space with uncountable absolute 80

Section on Mathematical Logic and the Foundations of Mathematics

Gokiyeli, L.P. (Tbilisi). On the subject of mathematics 83

Yessenin-Vol'pin, A.S. (Moscow). On the second ordinal theorem 84

Card 16/34

KHATIPOV, A.EA.

Theory of surfaces in space with a decomposing absolute. Trudy
Sem.po vekt.i tenz.anal. no.11:311-314 '61. (MIRA 15:3)
(Surfaces) (Spaces, Generalized)

KHATIFOV, A. N.-A.

Theory of parallel lines in the medieval East. Trudy Sam.
Sov. un. no.144:5-47 '64. (MIRA 18:9)

KHATIPOV. Sh. E.

Work experience of the fruit nursery of Kalinin kolkhoz, Sa'arkand Rayon. Tashkent,
Cos. izd vo UzSSR, 1953. 49 p.

Handwritten scribbles

APPROVED FOR RELEASE 09/17/2001 CIA-RDP86-00513R000721910014-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30015
Author : ~~Khatipov, Sh.E.~~, Khatipov, A.E.
Inst : -
Title : An Experiment in Side Dressing Apple and Pear Trees.
Orig Pub : Sad i ogorod, 1957, No 5, 51-52.
Abstract : No abstract.

KHATISKATSI, G.N.

Geology and oil and gas potentials of the Kavtiskhevi region.

Trudy VNIGNI no.38:206-213 '63.

(MIRA 17:6)

SALUKVADZE, G.N.; KHATISOV, A.Sh.

Investigation of the KIM-3 coordinate-measuring machine.
Biul. Abast. astrofiz. obser. no.30:107-126 '64. (MIRA 17:5)

1 1971-66 EWT(1) GS/GW
OPT.2

S. 1966-1970: *Abstracts of papers of the 1st Int. Conf. on Optics*

Author: Khristov, A. Sh.

Notes: none

Title: Astrometric study of the 70-cm meniscus telescope of the Kanobilli Observatory

Source: AN SSSR. Astronomicheskii sovet. Abstrakti dokladov i tezisov. Kazan, 1964. Novaya tekhnika v astronomii. Seriya "Nauka". Kazan, Kazanskii gosudarstvennyi universitet. Kazan, Kazanskii gosudarstvennyi universitet. Kazan, Kazanskii gosudarstvennyi universitet. 1965, 16-24

Keywords: astronomy, astrometry, telescope, astronomical observations, astrometry

ABSTRACT: A meniscus telescope of the Maksutov system (diameters of objective and spheric mirror 700 and 995 mm, respectively, and focal distance 2100mm), the largest of this type, was installed in the Kanobilli Mountain. The telescope and its operation were described previously (R. I. Kibirze, Byull. Abastumanskoi astrofiz. obs., No. 24, 35, 1959). An astrometric study of telescope

Card 1/2

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L 15971-66

ACC NR: AT5027122

3

applicability for photographic astrometry was made in 1961 by S.D. Maslov, but (1) the study was incomplete, and (2) the main mirror of the telescope used and the lens was replaced in 1962 by a new one. With the use of a special central field (area 7 sq. degrees) of the field of view of the telescope, the applicability for the solution of astrometric problems. The linear distances of the telescope were determined as $t = 160$, $F = 1000$, $\Delta = 0.001$, $\delta = 0.001$, $\sigma = 0.001$. Therefore, the change of temperature by 10 changes the size of the image by 0.001 . The technical constant of the telescope mirror was determined by the same method (Kurs astrofiziki i zvezdnoi astronomii, t. 1, P. 1 red. A. A. Kiseleva, Yuzhkhizdat, M. -L., 1961.) as P. 113. Apparently, the Hartman method with the telescope was excellent. The P. 113 method was used. Photographic plates could be used for the determination of equatorial coordinates of small (pointlike) celestial objects with a high degree of accuracy (0.001 arc sec). The correction made by the plates is small. The plates used only the members of the first order of the field of view. The number of plates was increased to 10 to increase the accuracy as the entire field is used during the observations. The author thanks Professor P. 113 and A. A. Kiseleva, a senior researcher of the Yuzhva Observatory, for their advice. Orig. art. has: 10 formulas, 1 table and 2 figures.

NO 103, 14 / SUMM DATE: 25Jun64 / ORIG REF: 006 / INT REF: 000
 Card 2/2

KHATKEVICH, A.G.

Elastic constants of crystals. Kristallografiia 6 no.5:700-703
S-0 '61. (MIRA 14:10)

1. Institut fiziki AN BSSR.
(Elasticity) (Crystallography)

S/070/62/007/003/010/026
E132/E460

AUTHOR: Khatkevich, A.G.

TITLE: On the determination of the elastic constants of crystals by an impulsive ultrasonic method

PERIODICAL: Kristallografiya, v.7, no.3, 1962, 412-417

TEXT: By means of the invariants of the tensor which determines the propagation of elastic waves in crystals, the invariant parameters of the modulus of elasticity tensor can be calculated using the measured velocities of pulse propagation in various directions. A method is proposed for determining the parameters of crystals of the tetragonal classes $4, \bar{4}$, $4:m$ and the trigonal classes $3, \bar{6}$. The paper is concerned with calculational improvements. Professor F.I. Fedorov is thanked for directing the work. There is 1 figure.

ASSOCIATION: Institut fiziki AN BSSR
(Institute of Physics AS BSSR)

SUBMITTED: June 5, 1961

Card 1/1

S/070/62/007/005/004/014
E132/E460AUTHOR: Khatkevich, A.G.

TITLE: Acoustic axes in crystals

PERIODICAL: Kristallografiya, v.7, no.5, 1962, 742-747

TEXT: General equations, applicable to crystals of any symmetry class, which can be used for finding the directions along which the phase velocities of the two elastic waves coincide have been set up and studied. In general, three elastic waves (two transverse, one longitudinal) with different velocities can be propagated in any direction. Directions where two of these phase velocities coincide can be called acoustic axes. The positions of the acoustic axes, where they do not coincide with the crystallographic symmetry axes, are of interest. All symmetries but triclinic are considered here. In the monoclinic system there may be 16 axes although this number is probably never realized. The orthorhombic system may have up to 14 but an analysis given by K.S.Aleksandrov and T.V.Ryzhova (Kristallografiya, v.6, 1961, 289) shows that celestine and α -U have 10, topaz and iodic acid 6, and staurolite 2. Trigonal crystals have 10 or 4 and tetragonal 9, 5 or 1. Tetragonal crystals with only one axis have so far not been

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S/070/62/007/005/004/014
E132/E460

Acoustic axes in crystals

encountered. In the trigonal case all axes lie in the planes of symmetry or in the planes normal to the axes of symmetry or in planes equivalent to them as regards elastic properties. In the tetragonal case, besides the above, axes may lie in planes normal to the axis of highest order. The directions of the acoustic axes in hexagonal crystals form a cone which may be expanded into a plane or contracted to a symmetry axis. In the cubic case the acoustic axes coincide with the axes of the 3rd and 4th order and there are therefore 7 in all. Acknowledgments are expressed to Professor F.I.Fedorovich.

ASSOCIATION: Institut fiziki AN BSSR (Physical Institute AS BSSR)

SUBMITTED: December 8, 1961

ACCESSION NR: AP4045784

S/0049/64/000/009/1300/1307

AUTHOR: Khatkevich, A. G.

TITLE: Theory of elastic waves in a transversely isotropic medium

SOURCE: AN SSSR. Izvestiya. Seriya geofizicheskaya, no. 9, 1964, 1300-1307

TOPIC TAGS: geophysics, elastic wave, seismic wave, isotropic medium

ABSTRACT: Numerous studies have been made of the theory of elastic waves in a transversely isotropic medium, but due to the mathematical complexity of the theory all such investigations either touch on only certain problems involved or are limited to numerical analysis. The author of this paper has therefore made a general analytical investigation on the basis of concepts presented by M. P. Rudzki (Parametrische Darstellung der elastischen Wellen in anisotropen Medien, Anz. Acad. Wiss. (Krakau), 503, 1911). He introduces a parameter to characterize the elastic anisotropy of a transversely anisotropic medium. It is shown that the properties of waves propagating in such a medium have a significant dependence on this parameter. Media are divided into two groups on the basis of the sign of this parameter. For both these groups of media the author determines the directions along which the values of the phase velocities have maxima,

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ACCESSION NR: AP4045784

the directions to which the rays of the corresponding waves diverge from the normal and the vector of displacement of a quasi-longitudinal wave. Conditions are determined so that, when they are satisfied near these directions, there will be sharp boundaries on the wave surface and five waves with different radial velocities can propagate along a single direction. "The author wishes to thank F. I. Fedorov for useful discussion of the results". Orig. art. has: 26 formulas, 4 figures and 1 table.

ASSOCIATION: Institut fiziki, Akademiya nauk BSSR (Physics Institute, Academy of Sciences, Belorussian SSSR)

SUBMITTED: 15Jul63

ENCL: 00

SUB CODE: ES

NO REF SOV: 006

OTHER: 009

KHATKEVICH, A.G. [Khatkevich, A.R.]

Effect of the anisotropy of a cubic crystal on the
propagation and polarization of elastic waves. Vestsi
AN BSSR. Ser.fiz.-mat.nav. no.1:93-97 '65.

(MIRA 19:1)

L 3931-66 EWA(k)/FBD/EWT(1)/EPF(c)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SGTB/IGP(c)
WC/WW/GG

ACCESSION NR: AP501769? UR/0250/65/009/006/0357/0359 65
26

AUTHORS: Khatkevich, A. G.; Bokut', B. V.; Stepanov, B. I. 4/85 B

TITLE: On the condition for phase matching in light-wave frequency conversion

SOURCE: AN BSSR. Doklady, v. 9, no. 6, 1965, 357-359 444,55

TOPIC TAGS: laser optics, ruby laser, refractive index, uniaxial crystal, frequency conversion 25,41 25

ABSTRACT: This is a continuation of an earlier paper (DAN BSSR v. 8, no. 11, 713, 1964), in which a general solution was given for the problem of light-wave frequency conversion by crystals and it was shown that in general, 14 polarization waves are produced when two waves are incident on a nonlinear crystal. The present paper considers the possibility of phase matching of all these waves, wherein the vector of the polarization-wave refraction coincides with the vector of the generated-wave refraction. The necessary condition for the phase matching is derived and is shown to be related with the ratio

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L 3931-66

ACCESSION NR: AP5017692

9

of the birefringence and the dispersion. The analysis shows that phase matching is possible for nine different polarization waves, and the wave with the higher frequency (polarization or pumping waves) should have a lower refractive index. The possibility of phase matching in a uniaxial crystal is further considered, and it is shown that in the case when the ordinary beam from a ruby laser operating at 6934 Å is mixed with the extraordinary beam from a $\text{CaWO}_4:\text{Nd}^{3+}$ laser (10582 Å) in a KDP crystal, phase matching takes place at an angle of 54.6° , whereas in the case when only the ordinary beams of these lasers are mixed the matching takes place at 42.6° . The authors thank B. A. Sotskiy and A. M. Goncharenko for a discussion of the results. This report was presented by B. I. Stepanov. Orig. art. has: 9 formulas.

ASSOCIATION: Institut fiziki AN BSSR (Physics Institute AN BSSR) 455

SUBMITTED: 30Apr64

ENCL: 00

SUB CODE: OP

NR REF SOV: 001

OTHER: 004

Card 2/2

L 33551-66 EWT(1) GG

ACC NR: AP6015597

SOURCE CODE: UR/0368/66/004/005/0455/0458

AUTHOR: Bokut', B. V.; Khatkevich, A. G.

ORG: none

TITLE: Mixing of electromagnetic waves by a nonlinear crystal

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 5, 1966, 455-458

TOPIC TAGS: nonlinear effect, electromagnetic wave interference, light interference, light transmission, frequency conversion

ABSTRACT: The authors calculate the coefficients of conversion of radiation in different cases of mixing of light waves in KDP and ADP single crystals. The light waves have different frequencies, and are normally incident. Expressions are given for the conversion coefficient, for the transmission coefficients of the ordinary and extraordinary components of the incident waves, and for the dependence of a function proportional to the conversion coefficient on the divergence of the beam and on the thickness of the crystal. A table of the results shows that the transformation coefficient for the emission at the difference frequency is smaller than for the emission at the sum frequency. The main reason is that the intensity of the transformed radiation is proportional to the square of the frequency. Orig. art. has: 1 figure, 14 formulas, and 1 table.

SUB CODE: 20/ SUBM DATE: 06Jul65/ ORIG REF: 004/ OTH REF: 004

Card 1/1 80

UDC: 535.44

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721910014
PRIVALOV, V.V., kand. tekhn. nauk; KONDRAT'EV, A.I., inzh.; RAILROADS, inzh.

Reply to the inquiries of our readers. Elek. i tepl. tiaga 7
no.6:37 Je '63. (MIRA 16:9)
(Electric locomotives) (Railroads--Brakes)
(Railroads--Signaling)

BOVE, Ye.G., kand. tekhn. nauk; KHATKEVICH, G.N., inzh.;
DANILOV, V.I., inzh.; ZEL'VYANSKIY, Ya.A.; NIKUSHIN, A.I., inzh.;
NIKOLAYEV, N.S., inzh.

Replies to the inquiries of our readers. Elek. i tepl. tiaga
no.5:34-36 My '63. (MIRA 16:8)

1. Starshiy inzh. Glavnogo upravleniya elektrifikatsii i
energeticheskogo khozyaystva Ministerstva putey soobshcheniya
(for Zel'vyanskiy).
(Diesel locomotives) (Electric railroads)

MERZHEVSKAYA, O.I. [Merzhaevskaia, O.I.]; KHATKO, E.I. [Khats'ko, E.I.]

Some data on the feeding of owl moths *Polia oleracea* L. and
P. dissimilis Knoch. Vestsi AN BSSR. Ser. biial nav. no.2:106-115
'61. (MIRA 14:7)

(OWLET MOTHS)

(INSECTS--FOOD)

MERZHEYEVSKAYA, O.I. [Merzhaevskaia, O.I.]; KHATKO, E.I. [Khats'ko, E.I.]

Development of the owl moths *Polia oleracea* L. and *P. dissimilis*
Knoch. in White Russia. Vestsi AN BSSR. Ser. bial. nav. no. 4:125-
136 '60. (MIRA 14:1)

(White Russia--Owlet moths)

18.5200

3/123/59/000/006/004/025
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroeniye, 1959, No. 6, p. 53,
20486

AUTHOR: Khatlamadzhan, M. A.

TITLE: Air-Electric Arc Cutting of Metals

PERIODICAL: Byul. tekhn.-ekon. inform. Sovnarkhoz Rostovsk. ekon. adm. r-na,
1958, No. 4, p. 9

TEXT: In air-electric arc cutting, a welding arc of reverse polarity is excited between the carbon electrode and the metal under treatment; a stream of compressed air parallel to the electrode is let from the holder, which blows away the molten metal from the welding pool. This process is applied to cutting high-alloy steel, cast iron, and non-ferrous metals, and replaces the chipping. As feeding source, serves a single-post welding transformer of the ПС-500 (PS-500) -type. The graphite electrodes ЭГ-0 (EG-0) or ЭГ-1 (EG-1) of 12-13 mm diameter are used in the machine. The efficiency of the cutter amounts to 18-20 kg of metal in 8 hours instead of 4 - 4.5 kg when using the chipping.
Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

К. П. Д. Е. А. П. 7

Country : USSR
 Category : **APPROVED FOR RELEASE: 09/17/2001** CIA-RDP86-00513R000721910014
 Cattle.
 Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96868
 Author : Bartosh, S.; Bulanek, Ya.; Khatleova, A.;*
 Institut. : -
 Title : The Effect of Compulsory Exercise and Pasturage on the Metabolism of Calves.
 Orig Pub. : Vestn. s.-kh. nauk, 1958, 2, 110-118
 Abstract : Experiments have shown that raising on pasture and compulsory exercise have a favorable effect upon improving the respiratory, cardio-vascular and biochemical systems which are linked to the citric acid cycle.

Card: 1/1 *Kafka, A.

KHATMURIN, E.S.; BABAYAN, G.A.

Effect of active oil components on the kinetics of the adhesion of liquid-hydrocarbon drops in a capillary tube. Izv. vys. shk., ser. fiz. i gaz. 7 no. 1973-68 162. (MIRA 17.9)

1. Makhkinskiy gosudarstvennyy universitet imeni Z. G. Ibratliya
Okt'yabrya 8. Ulinskiy nauchno-issledovatel'skiy
institut.

KHATMULLIN, F.G.; BABALYAN, G.A.

Effect of active oil components on the motion of a drop of liquid hydrocarbon in a capillary. Izv. vys. ucheb. zav.; neft' i gaz 7 no.7:59-63 '64.

(MIRA 17:9)

1. Bashkirskiy gosudarstvennyy universitet im. 40-letiya Oktyabrya i Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

KHATOV, P.I., inzh.

Passenger ships used on inland waterways. Rech. transp. 17
no. 7:14-15 J1 '58. (MIRA 11:8)
(Inland water transportation)
(Motorships)

REYKHOVA, A.I.; SHAYLOVA, N.Yu.

Some developments of the "Proektpriter" Special Design
Office in Kutaisi. Priborostroyeniye no. 2:24-27 F '61.

(MIR 14:2)

(Kutaisi--Instruments)

KHATSAKEVICH, TS. M.

RYBERG, E.V.; KHATSAKEVICH, TS.M.

Efficient use of nit tannins. Leg.prom. 17 no.7:47-48 J1 '57.
(MIRA 10:8)

(Tanning materials)

POLYANINOV, V.D.; KHATSAREVICH, TS.M.; NAZAROV, V.K.

Semiautomatic line for the production of hide glue flakes.
Kozh.-obuv. prom. 7 no.4:29-33 Ap '65.

(MIRA 18:6)

1. Nachal'nik tekhnicheskogo otdela Taganrogskogo kozhevennogo zavoda (for Polyaninov).
2. Starshiy inzh. tekhnicheskogo otdela Taganrogskogo kozhevennogo zavoda (for Khatsarevich).
3. Zamestitel' nachal'nika konstruktorskogo byuro Taganrogskogo kozhevennogo zavoda (for Nazarov).

KHATSAREVICH, TS.M.; YEVSTAF'YEV, V.I.

Optical method of controlling the degree of unhaired hide pickling.
Leg.prom.17 no.9:50 S '57. (MIRA 10:12)
(Hides and skins) (Optical measurements)

KHATSAREVICH, TS.M. ; KOLMAKOVA, N.A. ; SVINORUK, V.I.

Using the chrome emulsion method without pickling for leather
tanning. Kosh.-obuv.prom. 2 no.4:15-17 Ap '60. (MIRA 13:9)
(Tanning)

TAYTS, N.Yu., doktor tekhn. nauk; KLEYNER, M.K., inzh.; ZAVALISHIN, Ye.K., inzh.; KALUGIN, Ya.P., inzh.; FALILEYEV, I.L., inzh.; KAGAN, N.I., inzh. [deceased]; Primalni uchastiye: POPOV, V.N. inzh.; CHUYKOV, A.A., inzh.; MINUKHINA, L.N., inzh.; KHATSAREVICH, V.R., inzh.; TOLMACHEVA, I.A., inzh.; BAZHENOVA, V.N., inzh.

Technological and thermodynamic characteristics of strip heating for the continuous furnace welding of pipes.
Stal'24 no.8:746-750 Ag '64. (MIRA 17:9)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut, Ural'skiy nauchno-issledovatel'skiy trubnyy institut i Chelyabinskiy truboprokatnyy zavod.

KHATSAZYAN, I.I.

Report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan. - 1 Feb '60.

- 303. I. I. Khatsyan (Moscow): Investigation of the viscoelasticity of anisotropic systems (fiberglass, glass, etc.) by the differential method.
- 304. B. I. Davtyan (Moscow): Experimental investigation of the strain distribution in soil layers under conditions of varying dimensions.
- 305. B. I. Davtyan (Moscow): On the stability and vibrations of anisotropic plates and shells.
- 306. I. I. Khatsyan (Moscow): On the theory of thin plates.
- 307. B. I. Davtyan (Moscow): Some kinematic problems concerning creep bending theory of laminar and fibrous bodies.
- 308. E. I. Davtyan (Moscow): Borehole stress, a review to the present bending theory of laminar and fibrous bodies.
- 309. E. I. Davtyan (Moscow): Maximum weight forces in a reinforced concrete slab under combined compression, flexure and torsion.
- 310. E. I. Davtyan (Moscow): The stability of reinforced concrete slabs under combined compression, flexure and torsion.
- 311. E. I. Davtyan (Moscow): The stability of reinforced concrete slabs under combined compression, flexure and torsion.
- 312. E. I. Davtyan (Moscow): The physical foundations of the mechanics of frame cells.
- 313. E. I. Davtyan (Moscow): Saint Venant's problem for thin-walled torsional tubes.
- 314. E. I. Davtyan (Moscow): On some problems of the mechanics of shells in the theory of thin-walled shells.
- 315. E. I. Davtyan (Moscow): A three-dimensional problem concerning the stability of a shell under combined compression and bending.
- 316. E. I. Davtyan (Moscow): On the integration of the equations of the theory of shells.
- 317. E. I. Davtyan (Moscow): On the stability of shells under combined compression and bending.
- 318. E. I. Davtyan (Moscow): On the stability of shells under combined compression and bending.
- 319. E. I. Davtyan (Moscow): On the limit equilibrium of shells under combined compression and bending.
- 320. E. I. Davtyan (Moscow): A contribution to the formulation of problems concerning anisotropic plastic shells.
- 321. E. I. Davtyan (Moscow): Solutions of some three-dimensional problems of plasticity with application to the rolling of metals.
- 322. E. I. Davtyan (Moscow): The solution of some contact problems of plasticity (equation of Prandtl type).
- 323. E. I. Davtyan (Moscow): A heavy medium subjected by an elliptical cavity.
- 324. E. I. Davtyan (Moscow): The method of integral equations in static problems of plasticity.
- 325. E. I. Davtyan (Moscow): Creep of non-uniformly heated bodies.
- 326. E. I. Davtyan (Moscow): Automatic solution of a partially plastic medium.

KHATSAYUK, P.P. [Khatsiuk, P.P.], inzh.

Mobile electric power station on the DT-14 tractor. Mekh.
sil'hozp. 10 no. 2:30 F '59. (MIRA 12:6)
(Electric power plants)

~~KHATSENKO, A.Yu.~~

Control of road heaving in Estonia. Avt.dor. 19 no.9:15-16 S '56.
(MLBA 9:11)

(Estonia--Roads)

KHATSENKO, A.Yu., inzhener.

Experience with thickening gravel pavements in winter.
Avt. dor. 19 no.10:21 0 '56.

(MLRA 9:12)

(Estonia--Roads, Gravel)

KHATSENKO, A.Yu.

Welding reinforcing joints in building reinforced concrete bridges
in Estonia. Nov.tekh.i pered.op.v stroi. 19 no.4:22 Ap '57.
(MIRA 10:7)
(Estonia--Bridges, Concrete) (Reinforced concrete--Welding)

KHATSENKO, H. S.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Apparatus, Plant Equipment,
and Unit Operations

②
Rectification of binary mixtures in a vertical rotary apparatus. Dr. I. Gelperin and H. S. Khatsenko. *J. Appl. Chem. U.S.S.R.* 25, 691-5(1952)(Engl. translation).—See C.A. 47, 7202a. H. L. H.

8-31-54
EJP

USSR/Chemistry - Distillation Jun 52

"Investigation of the Process of Rectification of Binary Mixtures in Vertical Rotating Equipment," N. I. Gel'perin, M. S. Khatsenko

"Zhur Prikl Khim" Vol XXV, No 6, pp 610-615

Equipment of this type was used by A. I. Brodskiy /USSR/ and H. C. Urey [US] for sepg isotopes. The app works as follows: The reflux flows downward, falls onto a rotating cone, is thrown off its edge by centrifugal force and flows by gravity as a thin film along a stationary cone, from where it flows onto another rotating cone, etc. The liquid thus

218R32

USSR/Chemistry - Distillation (Contd) Jun 52

flows in a zigzag course, and is collected at the bottom, from where it flows through a tube into the distillation vat. The vapor from the distillation flows from the bottom to the top. The separation was found to have a very high sepg capacity at low hydraulic resistance. However, it has a low efficiency, and is fit in practical use for low-quantity production only. The reason for this is the low permissible linear velocity of the steam in the free cross section. At a vapor velocity of about 0.5 m/sec, the liquid may remain on the stationary cones, thus interfering with the operation of the column. Gives a math treatment of conditions in the rotary distillation column.

218R32

KHATSENKO, M. S.

KHATSET, B.E.

Starting devices of the 12 volt telfers. Obm.tekh.opyt. [MLP]
no.26:39-40 '56. (MIRA 11:11)
(Hoisting machinery)

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

190 AND 1TH CODES

CA

13

Degreasing of bristles by means of waste liquors containing Na₂S. B. K. Khatset. *Legkaya Prom.* 2, No. 11/12, 10(1942).--Waste liquors contg. about 1% of Na₂S can be used for degreasing bristles without Na₂CO₃ by operation on the whole pig hide. The amount of grease transferred into the degreasing bath by this method is some 30% less than in the Na₂CO₃ process. The method eliminates the possibility of regeneration of the grease. G. M. Kosolov

COMMON ELEMENTS

MATERIALS INDEX

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES

1ST AND 2ND CODES

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PIKATSET, E. M.

LEATHER

Methods of the Stakhanov worker A.F. Alalykina., Leg. pron., no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ~~March 1952~~ 1953, Uncl.

MITCHELL, H. E.

Feed Water Purification

Most recent method of decreasing hardness in water. Leg. prom. 12 no. 7, 1953.

9. Monthly List of Russian Accessions, Library of Congress, November 1953², Uncl.

1. KHATSET, B. Ye.
2. USSR (600)
4. Leather - Machinery
7. Improving the construction and quality of leather processing machines. Lep.prom no.12
1952

Monthly Lists of Russian Accessions, Library of Congress, March, 1953, Unclassified.

KHATSET, B.E., inzhener.

More about floors in leather factories. Leg.prom.14 no.12:
47 D 054. (MIRA 8:2)
(Floors)

KHATSEV, B.E., inzhener.

Better utilization of pigskins for the production of upper chrome
leather. Leg.prem.15 no.10:16-17 0 '55. (MLRA 9:1)
(Leather industry)

KHATSET, B.E., inshonor.

Modernisation of leather processing equipment. Leg.pron. 16 no.5:
52-53 My '56. (MLRA 9:8)

(Byazan--Leather--Machinery)

11/17/50 11 S 75.

KHATSET, B.Ye., inzh.

Manufacture of chrome-tanned pigskin leather for footwear with
a smooth face. Leg.prom.17 no.9:48-50 S '57. (MIRA 10:12)
(Tanning)

KHATSET, B.E., inzh.

For advanced technology. Kozh.-obuv.prom. no.4:33-35 Ap '59.
(MIRA 12:7)
(Leather)

KHATSET, B.E., inzh.

Response to the article "Improving the conservation of raw leather."
Kozh.obuv.prom. 3 no.1:40-41 Ja '61. (MIRA 14:5)
(Leather)

LEAFLET, T. I.

52/49T104

USSR/Physics
Mathematics, Applied

May 49

"Certain Mathematical Problems of the Theory of
Statistical Equilibrium," N. N. Bogolyubov, Corr
Mem, Acad Sci USSR, B. I. Khatset, 3½ pp

"Dok Ak Nauk SSSR" Vol LXVI, No 3

This work develops N. N. Bogolyubov's general
method of seeking threshold functions of the
distribution of systems in equilibrium in conven-
tional power-series expansions in small parameter.
It simplifies obtaining the results of the Ursell-
Mayer theory of real gases. Submitted 25 Mar 49

52/49T104

KHATSET, B. I.

KHATSET, B.I.: SHMYLYAN, Yu.L. (Zhitomir).

Teaching elementary mathematics in pedagogical institutes. Mat. v
shkole no.2:20-24 Kr-Ap '58. (MIRA 11:2)
(Mathematics--Study and teaching)

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